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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Datasheet

CNR2 (Human) Recombinant Protein (P01)

Catalog Number: H00001269-P01

Regulation Status: For research use only (RUO)

Product Description: Human CNR2 full-length ORF (NP_001832.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEECWVTEIANGSKDGLDSNPMKDYMLSGPQKTAVA
VLCTLLGLLSALENAVLYLILSSHQLRRKPSYLFIGSLA
GADFLASVVFACSFVNFHFVHGVDSKAVFLLKIGSVTM
TFTASVGSLLLTAIDRYLCLRYPPSYKALLTRGRALVTL
GIMWVLSALVSYLPLMGWTCPRPCSELFPLIPNDYLL
SWLLFIAFLFSGIITYGHVLWKAHQHVASLSGHQDRQ
VPGMARMRLDVRLAKTLGLVLAVLLICWFPVLALMAHS
LATTLSQVKKAFACSMCLINSMVNPVIYALRSGEIR
SSAHHCLAHWKKCVRLGSEAKEEAPRSSVTETED
GKITPWPDSRDLDLSDC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 66.1

Interspecies Antigen Sequence: Mouse (83); Rat (81)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1269

Gene Symbol: CNR2

Gene Alias: CB2, CX5

Gene Summary: The cannabinoid

delta-9-tetrahydrocannabinol is the principal psychoactive ingredient of marijuana. The proteins encoded by this gene and the cannabinoid receptor 1 (brain) (CNR1) gene have the characteristics of a guanine nucleotide-binding protein (G-protein)-coupled receptor for cannabinoids. They inhibit adenylate cyclase activity in a dose-dependent, stereoselective, and pertussis toxin-sensitive manner. These proteins have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana. The cannabinoid receptors are members of family 1 of the G-protein-coupled receptors. [provided by RefSeq]